

CS144

An Introduction to Computer Networks

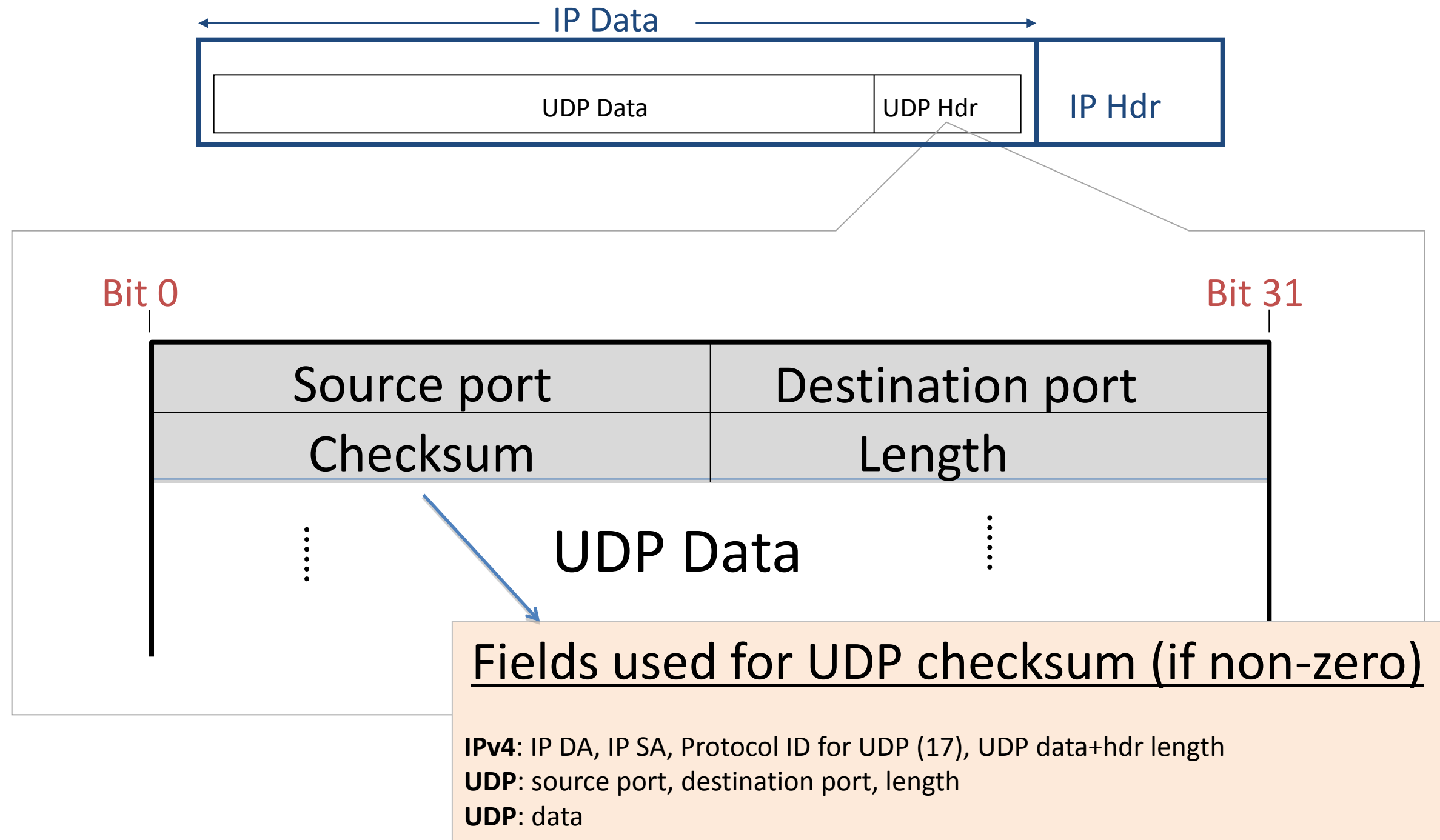
What the Internet is *The UDP Service Model*



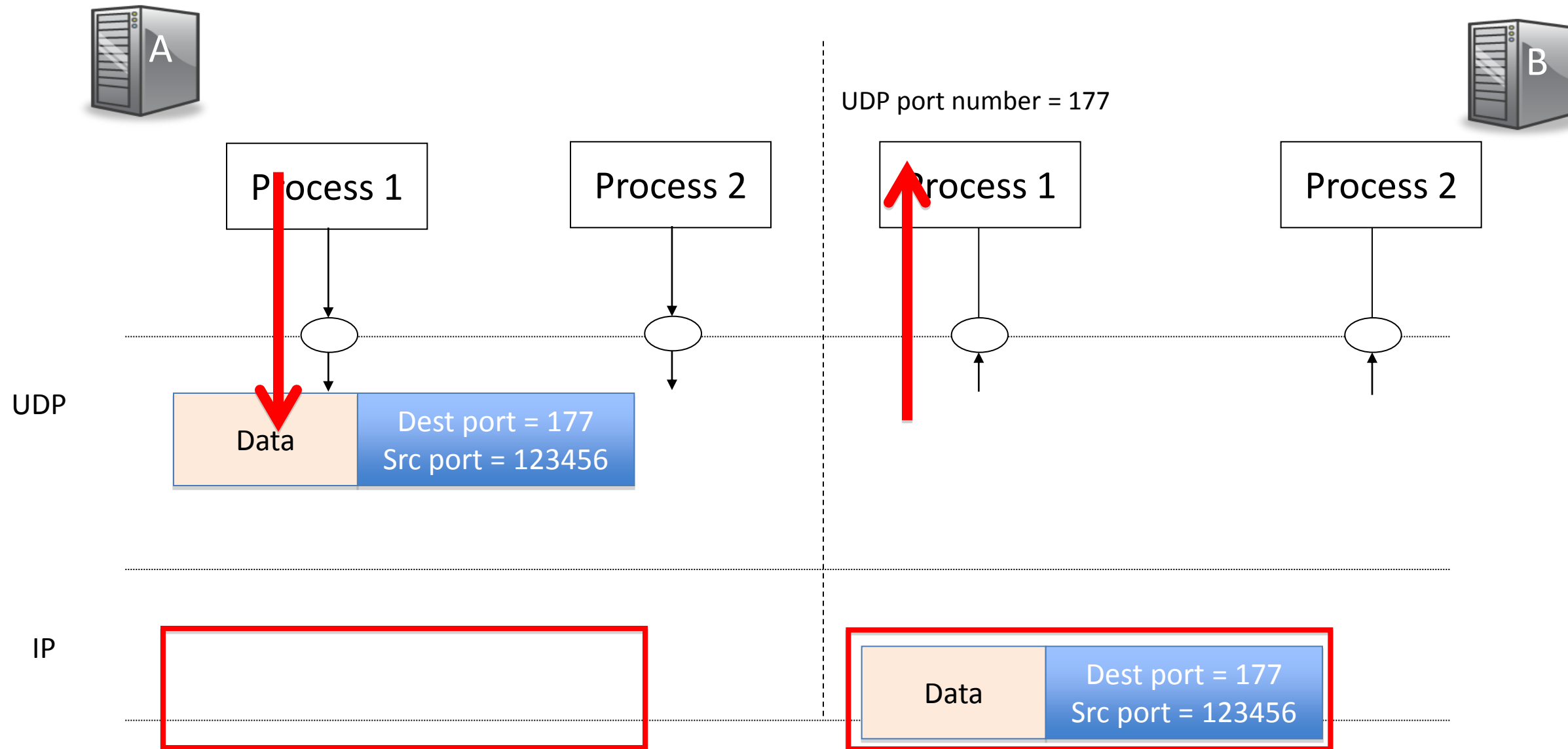
Nick McKeown

Professor of Electrical Engineering
and Computer Science, Stanford University

The UDP Datagram Format



UDP: Port Demultiplexing



User Datagram Protocol (UDP)

Property	Behavior
<i>Connectionless Datagram Service</i>	No connection established. Packets may show up in any order.
<i>Self contained datagrams</i>	
<i>Unreliable delivery</i>	<ol style="list-style-type: none">1. No acknowledgments.2. No mechanism to detect missing or mis-sequenced datagrams.3. No flow control.

Summary

UDP provides a simpler, datagram delivery service between application processes.

<The End>